

13281 U.S. PTO  
08/19/03

Atty. Dkt. No. 017344-0326

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kinji KAYANUMA  
Title: DATA MODULATION METHOD AND APPARATUS  
Appl. No.: Unassigned  
Filing Date: August 19, 2003  
Examiner: Unassigned  
Art Unit: Unassigned

15535 U.S. PTO  
10/642749  
08/19/03

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Kinji KAYANUMA

Enclosed are:

- Application Data Sheet (37 CFR 1.76) (2 pages).
- Specification, Claim(s), and Abstract (39 pages).
- Informal drawings (18 sheets, Figures 1, 2A, 2B, 3-6, 7A, 7B, 8-14, 15A, 15B, 16-21).
- Declaration and Power of Attorney (4 pages).
- Assignment of the invention to NEC CORPORATION (2 pages).
- Assignment Recordation Cover Sheet.

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total Claims:	184	- 20	= 164	x \$18.00	\$2,952.00
Independents:	12	- 3	= 9	x \$84.00	\$756.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	\$280.00
				SUBTOTAL:	\$4,738.00
[ ]	Small Entity Fees Apply (subtract ½ of above):				\$0.00
	TOTAL FILING FEE:				\$4,738.00
Assignment Recordation Fee:				+ \$40.00	\$40.00
	TOTAL FEE				\$4,778.00

[ X ] A check in the amount of \$4,778.00 to cover the filing fee and fee for recordation of Assignment is enclosed.

[ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

[ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: August 19, 2003

FOLEY & LARDNER  
Customer Number: 22428



22428

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